

## **AMENDMENTS TO THE CLAIMS:**

Please cancel claims 1 to 5 without prejudice and add the following new claims 6 to 10:

Claims 1 to 5. (canceled)

6. (new) A hair color simulation system for simulating a hair coloring procedure in which different hair color preparations corresponding to different hair colors are mixed, said hair color simulation system comprising:

- a display section having a predetermined display area;

- a base screen displaying section displaying a base screen on the predetermined display area of the display section, the base screen comprising a first layer, an intermediate layer, a second layer, a third layer, a fourth layer, and a fifth layer;

- a hair color data storage section recording RGB values of original hair colors to be subjected to hair coloring;

- a hair color preparation data storage section recording RGB values of hair colors of hair color preparations;

- a first hair line data storage section recording image data of a first hair line;

- a second hair line data storage section recording image data of a second hair line which is different in line pattern and color from the first hair line recorded in the first hair line data storage section;

a first input section for receiving an input of a choice of one hair color from the original hair colors recorded in the hair color data storage section;

a second input section for receiving an input of choices of two hair color preparations from the hair color preparations recorded in the hair color preparation data storage section and of a mixing ratio of the selected two hair color preparations;

a first image displaying section displaying the first hair line with a predetermined transparency on the first layer of the base screen according to the image data recorded in the first hair line data storage section;

a second image displaying section retrieving the RGB values of the selected hair color from the hair color data storage section and displaying the selected hair color without transparency on the fifth layer of the base screen based on the input received at the first input section;

a third image displaying section retrieving the RGB values of the selected two hair color preparations from the hair color preparation data storage section and displaying the colors of the selected two hair color preparations with respective transparencies corresponding to the selected mixing ratio thereof on the third layer and the fourth layer of the base screen respectively based on the input received at the second input section;

a fourth image displaying section retrieving the RGB values of the selected hair color from the hair color data storage section and displaying the selected hair color with a predetermined transparency on the second layer of the base screen based on the input received at the first input section;

a fifth image data displaying section displaying the second hair line with a predetermined transparency on the intermediate layer of the base screen according to the image data recorded in the second hair line data storage section; and

wherein the first layer, the intermediate layer, the second layer, the third layer, the fourth layer, and the fifth layer of the base screen are superimposed on one another so as to display a resultant simulated hair color that is produced when the first hair line, the second hair line, the colors of the hair color preparations and the original hair color are displayed on the base screen with the respective transparencies and superimposed on each other;

whereby an actual hair color, which results from dyeing hair that has the selected hair color with a mixture of the selected two hair color preparations in the selected mixture ratio, is simulated.

7. (new) The hair color simulation system according to claim 6, wherein the third image displaying section displays deeper colors of the selected two hair color preparations than the colors originally selected from the hair color preparation data storage section with the predetermined RGB values and with the transparency corresponding to the selected mixing ratio thereof.

8. (new) The hair color simulation system according to claim 6, wherein the third image displaying section displays the color of one of the selected two hair color preparations on the third layer with a transparency which is lower than the transparency determined

by the selected mixing ratio and the color of the other of the selected two hair color preparations on the fourth layer with a transparency which is higher than the transparency determined by the selected mixing ratio.

9. (new) The hair color simulation system according to claim 6, wherein the display area of the display section represents head hair of a model's face displayed by the display section.

10. (new) The hair color simulation system according to claim 6, wherein the line pattern and the color of the second hair line are selected so that each hair image is three-dimensionally displayed on the base screen to provide a more realistic display.